

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION

TRADE NAME: NP-210/250/270/300/350/400/500 Toner  
 PRODUCT DESCRIPTION: Toner powder for Canon copiers (200g)  
 ITEM NO: F41-2201-AT1, F41-2201-AT2  
 NFPA HMIS RATINGS: Health: 0, Flammability: 1, Reactivity: 1

SECTION 2 INGREDIENTS (Toner)

<u>Principal Component(s)</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>OSHA (PEL) ACGIH (TLV)</u>
Styrene Acrylate Copolymer	-----	55-60	N/A
Iron Oxide	1317-61-9	35-40	N/A
Salicylic Acid Chromium (III) Chelate	72869-85-3	1-5	See Section 5A

Manufacturer contact states all other information is proprietary.

N/A = Not Applicable

Concerning carcinogenicity, the ingredients listed above are not listed on the latest NTP Annual Report, IARC Monographs and OSHA regulation.

SECTION 3 PHYSICAL DATA

APPEARANCE AND ODOR:	Fine powder, slight plastic odor.
BOILING POINT (C):	N/A
MELTING POINT:	N/A
VAPOR PRESSURE (mmHg.):	Negligible.
VAPOR DENSITY (AIR=1):	N/A
SOLUBILITY IN WATER:	Negligible.
SPECIFIC GRAVITY (Water=1):	1.4
PERCENT VOLATILE BY VOLUME:	Negligible.
EVAPORATION RATE (BUTYL ACETATE=1):	Negligible.
PH IN CONCENTRATE:	Cannot be determined.
PH IN DILUTION AS USED:	Cannot be determined.

94586, 94593

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A  
FLAMMABILITY: Non-flammable solid (According to test method 16 CFR 1500.44)  
EXTINGUISHING MEDIA: Water, Dry Chemical, Carbon Dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: This material, like most organic materials in powder form, is capable of creating a dust explosion.

SECTION 5 HEALTH HAZARD DATA

## A. EXPOSURE LIMITS:

Chromium (III) compounds as, Chromium = 0.5 mg/m<sup>3</sup> (OSHA TWA)  
OSHA (TWA/PEL): 15mg/m<sup>3</sup> (Total Dust)  
5mg/m<sup>3</sup> (Respirable Fraction)  
ACGIH (TWA/TLV): 10mg/m<sup>3</sup> (Total Dust)

B. EFFECTS OF OVEREXPOSURE: Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust. There are no known health hazards, mutagenicity, carcinogenicity or teratogenicity.

## C. TOXICITY DATA:

Test	Species	Result
Mutagenicity	S. Typhimurium	Negative

SECTION 6 EMERGENCY FIRST AID PROCEDURES

Inhalation: Remove from exposure to fresh air.  
Eye Contact: Open eye and flush with plenty of water. If irritation persists obtain medical treatment.  
Skin: Wash with soap and water.  
Ingestion: Drink several glasses of water. Call a physician.

SECTION 7 REACTIVITY DATA

STABILITY: Stable.  
INCOMPATIBILITY: Strong oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: As with any other organic material, decomposition will produce Carbon Dioxide and Carbon Monoxide.  
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 SPILL, LEAK AND DISPOSAL PROCEDURES

SPILLS & LEAKS: Sweep material onto paper and place in fiber carton

DISPOSAL METHOD: No special disposal technique required. Ensure compliance with federal, state and/or local regulations.

SECTION 9 SPECIAL PROTECTION INFORMATION

VENTILATION: Good general ventilation should be sufficient.  
PROTECTIVE GLOVES: None required.  
EYE PROTECTION: None required.  
OTHER PROTECTIVE EQUIPMENT: None.

SECTION 10 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep out of reach of children.

Keep from contact with oxidizing materials.

SECTION 11 REGULATORY INFORMATION

CHEMICAL REQUIRED TO BE REPORTED UNDER SARA TITLE III, CERCLA:

Chromium (III) and compound: 2.0 Wt% (maximum)  
{As chromium metal: 0.5 Wt% (maximum)}

ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.

DEPARTMENT OF TRANSPORTATION

D.O.T Proper Shipping Name: N/A  
D.O.T Hazard Class: N/A  
D.O.T. ID No.: N/A

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process.